

Fig. 1

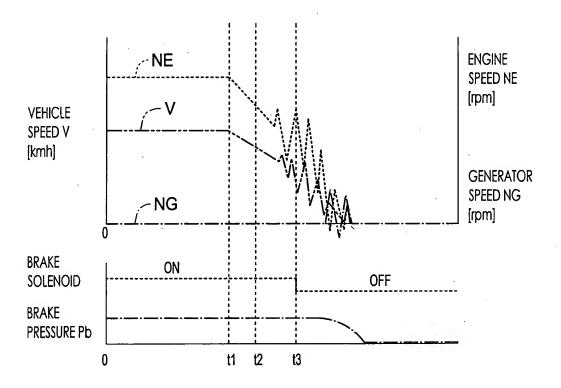
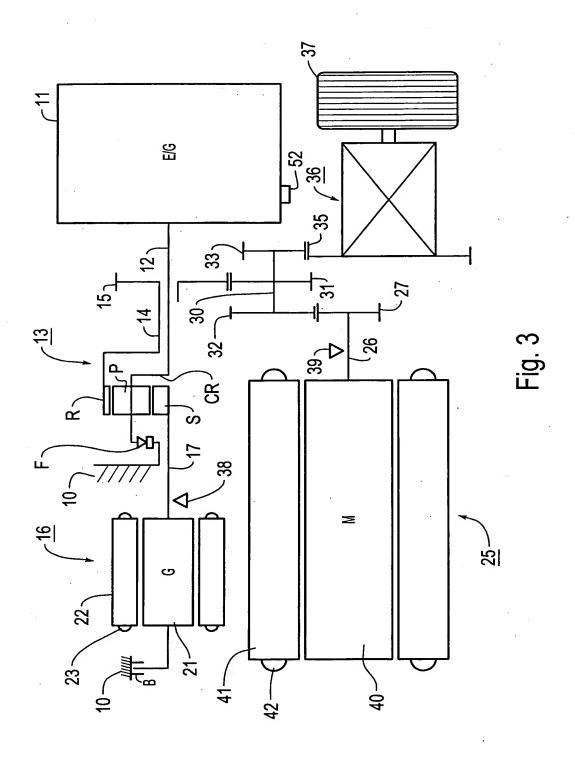


Fig. 2 RELATED ART



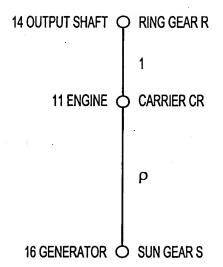


Fig. 4

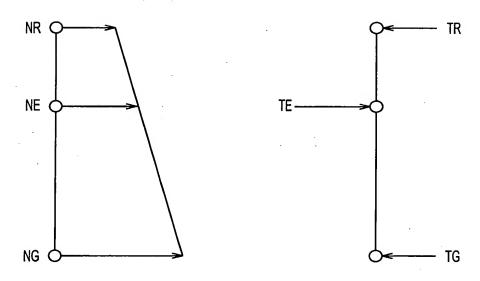
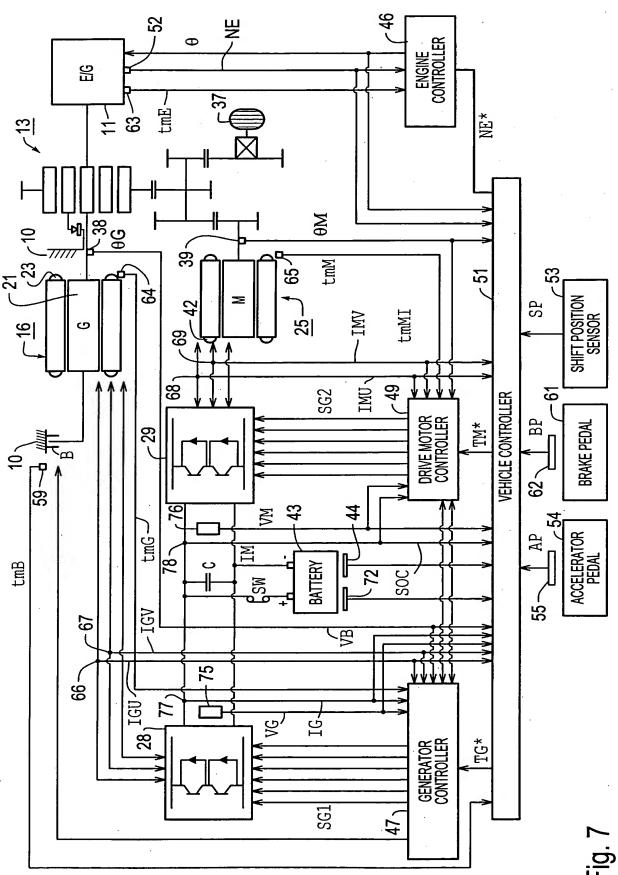


Fig. 5

Fig. 6



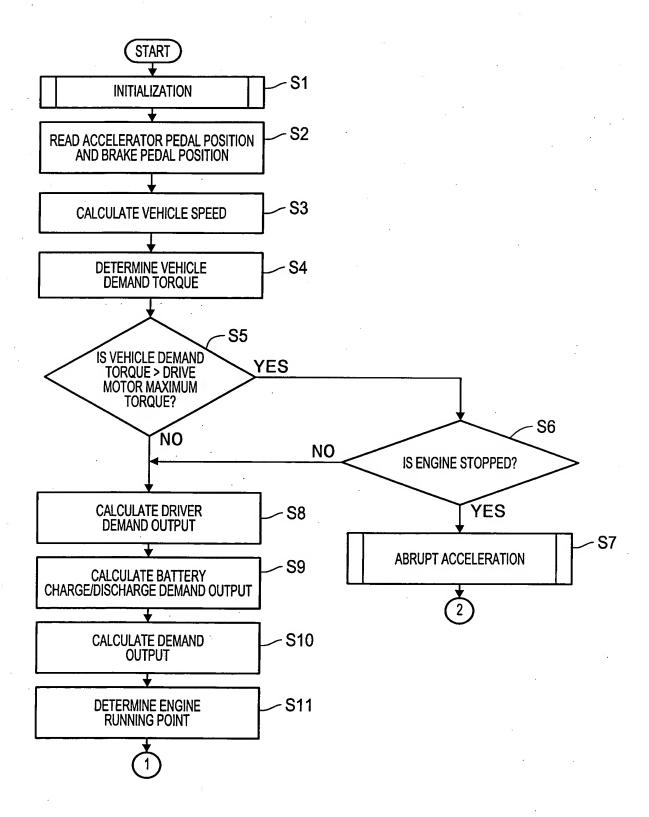


Fig.8

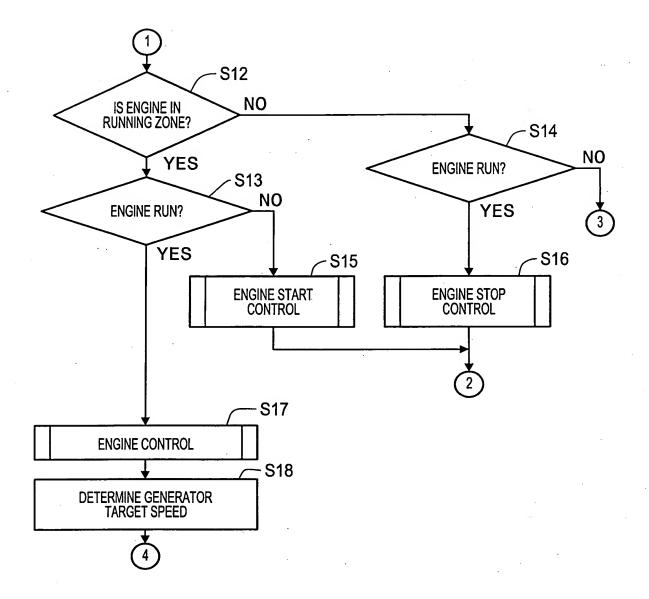


Fig. 9

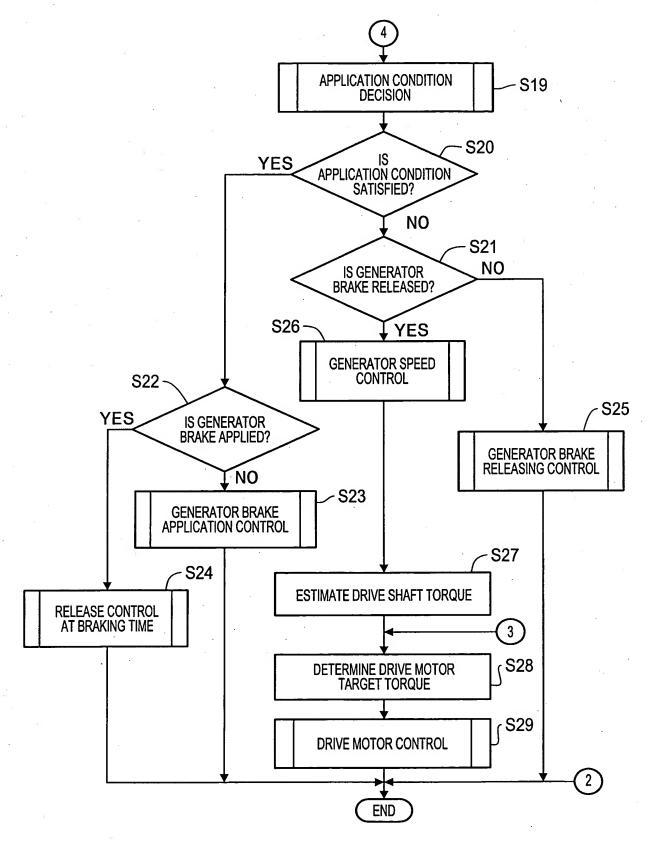


Fig. 10

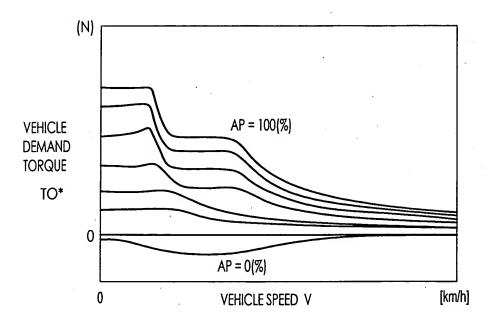


Fig. 11

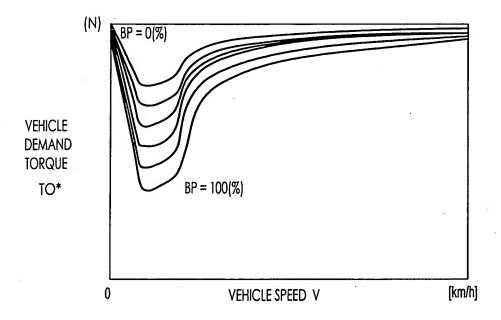


Fig. 12

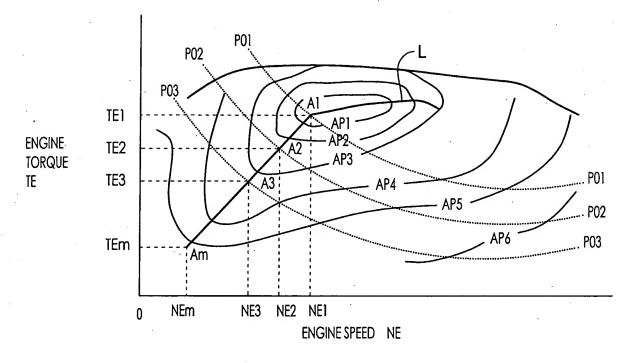


Fig. 13

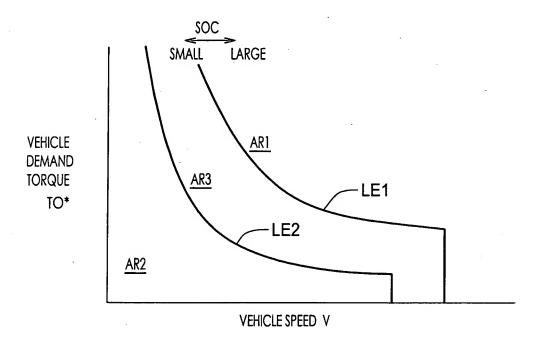


Fig. 14

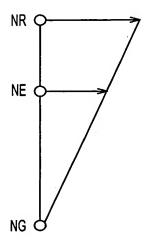


Fig. 15

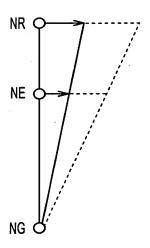


Fig. 16

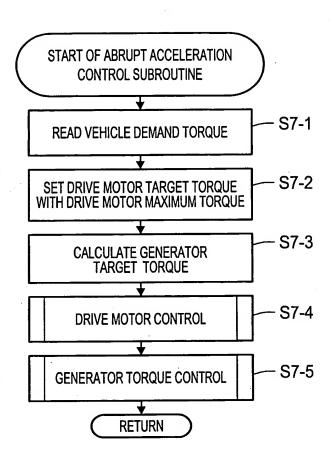


Fig. 17

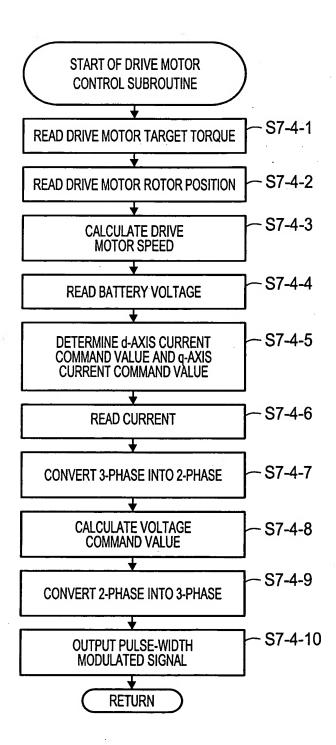


Fig. 18

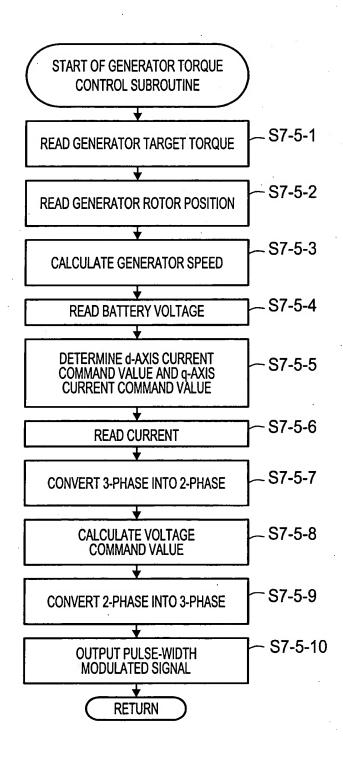
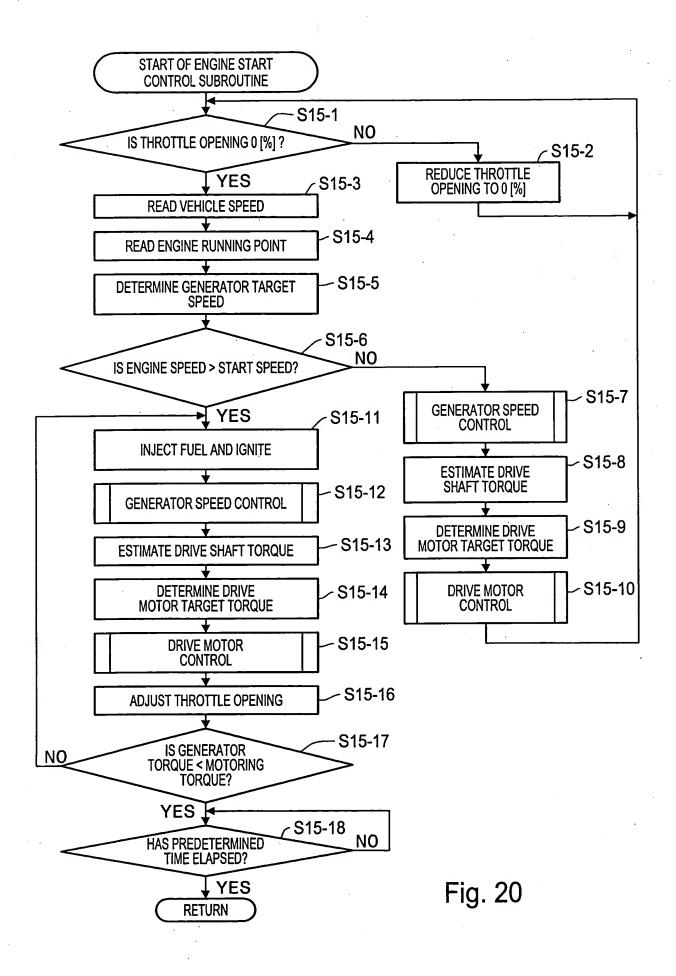


Fig. 19



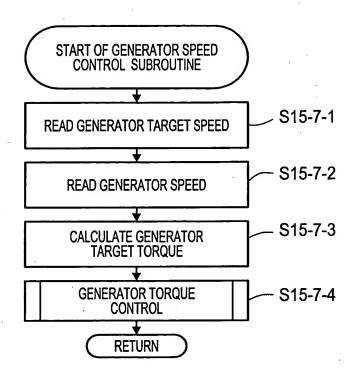


Fig. 21

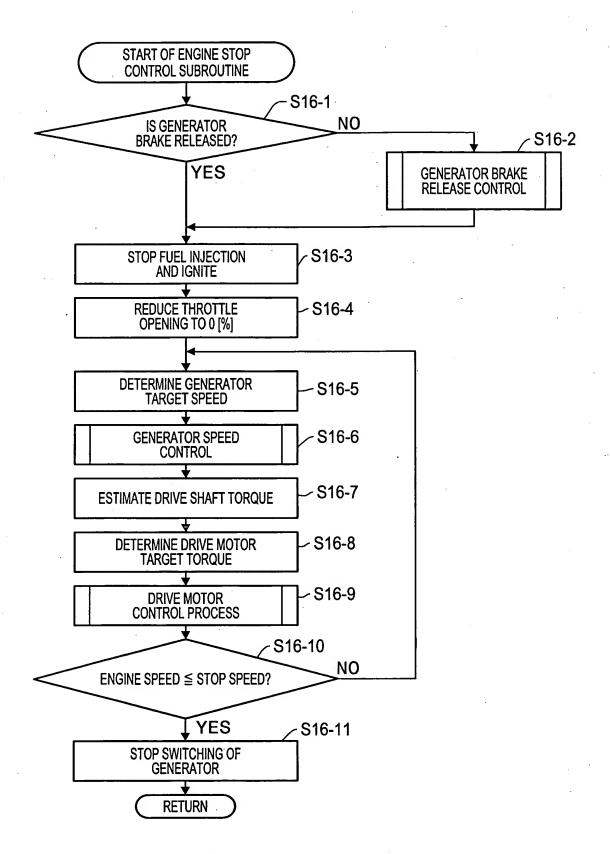


Fig. 22

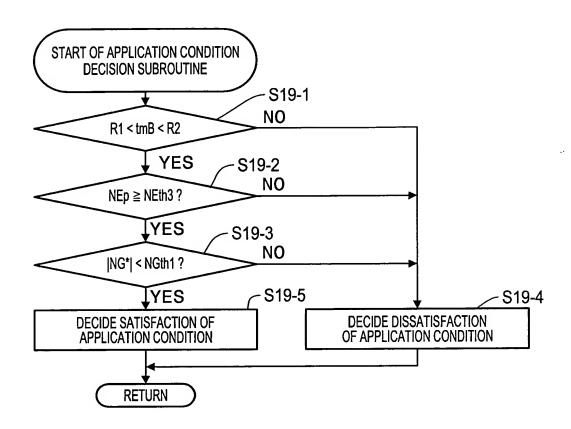
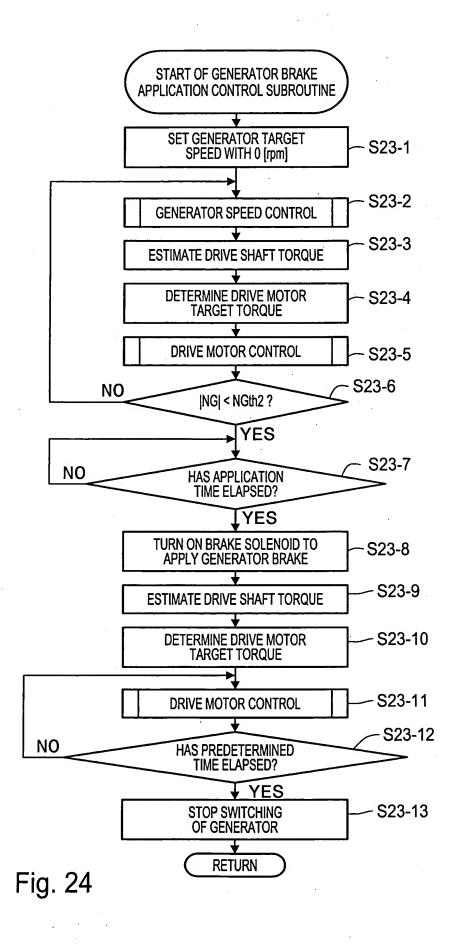
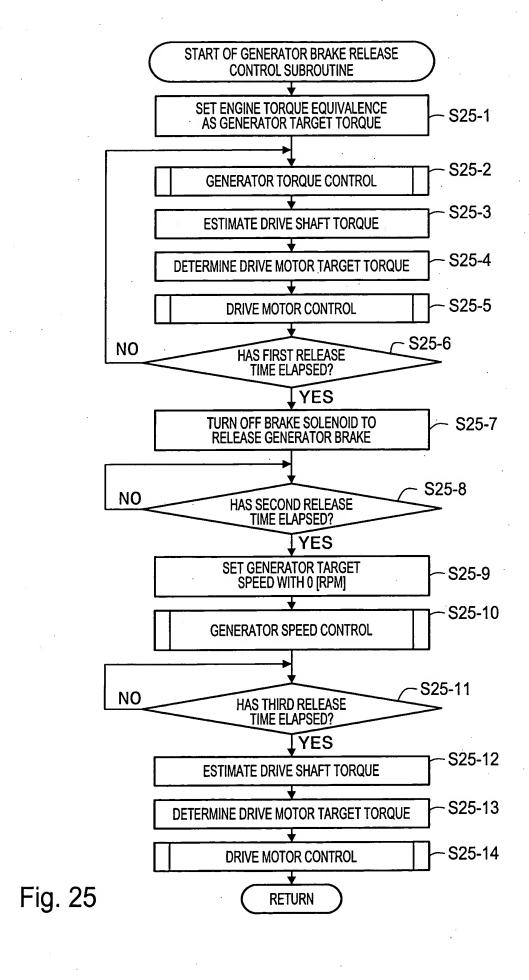


Fig. 23





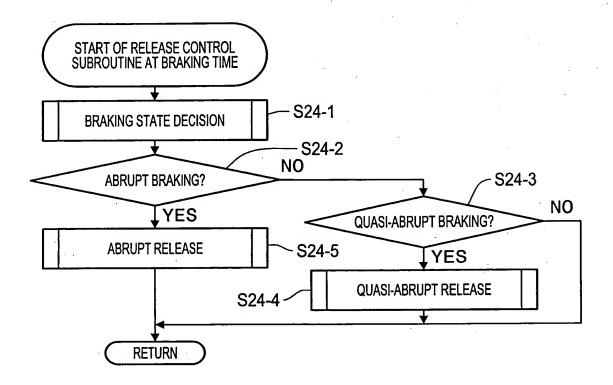


Fig.26

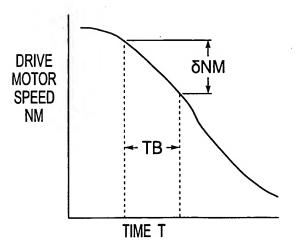
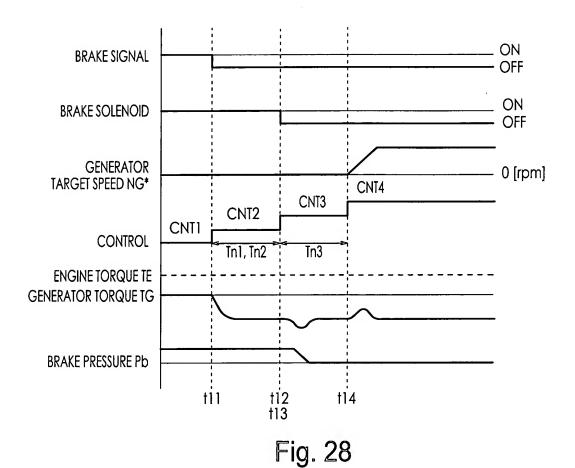
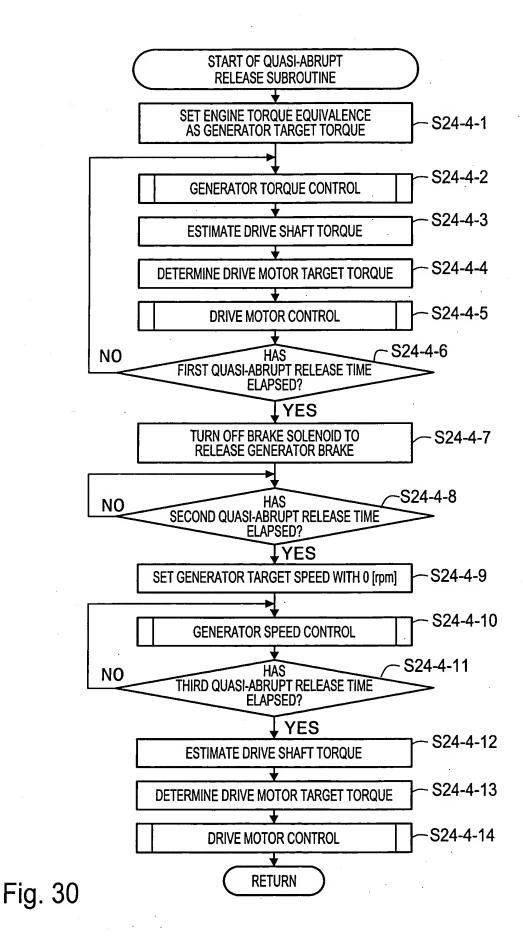


Fig. 27



OIL TEMPERATURE tmB [°C] TIME [ms] 100 200 FIRST RELEASE TIME Tn1 150 150 150 150 SECOND RELEASE TIME Tn2 THIRD RELEASE TIME Tn3 FIRST QUASI-ABRUPT RELEASE TIME Tr1 FIRST QUASI-ABRUPT RELEASE TIME Tr2 FIRST QUASI-ABRUPT RELEASE TIME Tr3 ABRUPT RELEASE TIME TO

Fig. 29



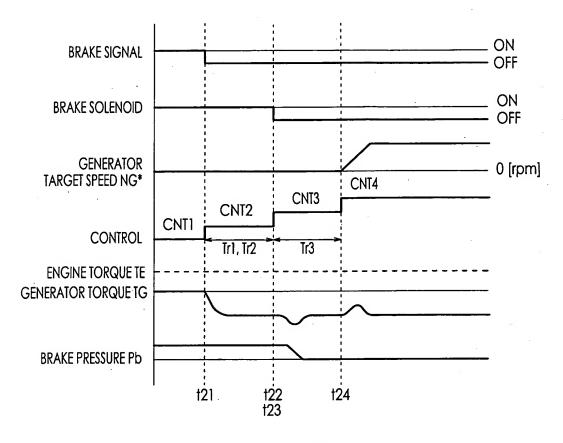


Fig. 31

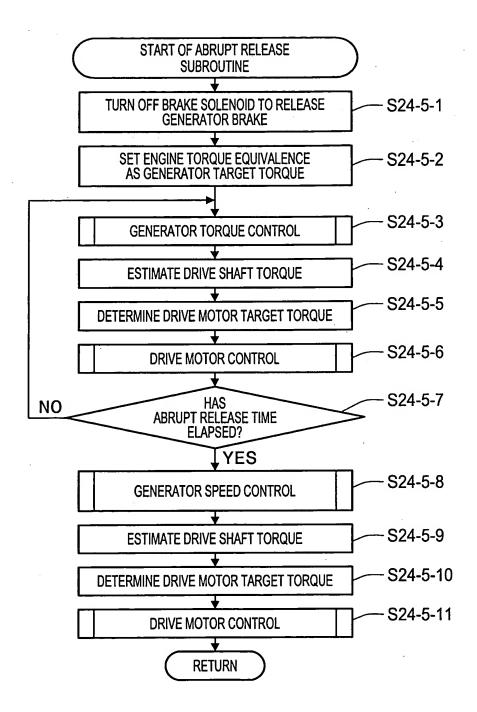


Fig. 32

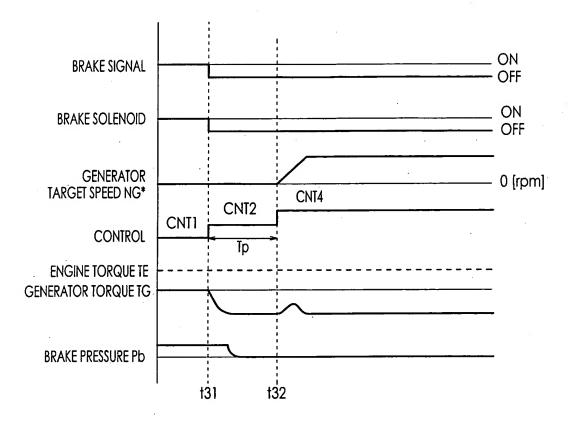


Fig. 33

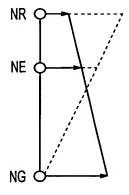


Fig. 34

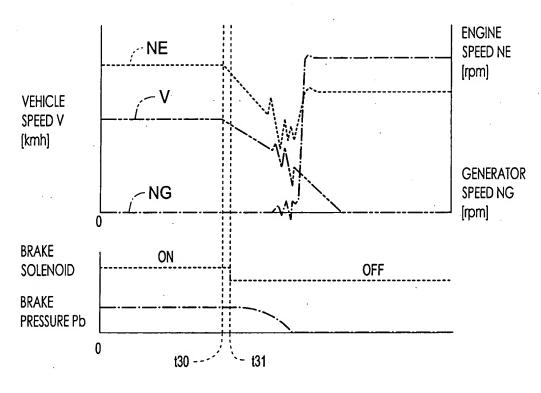


Fig. 35

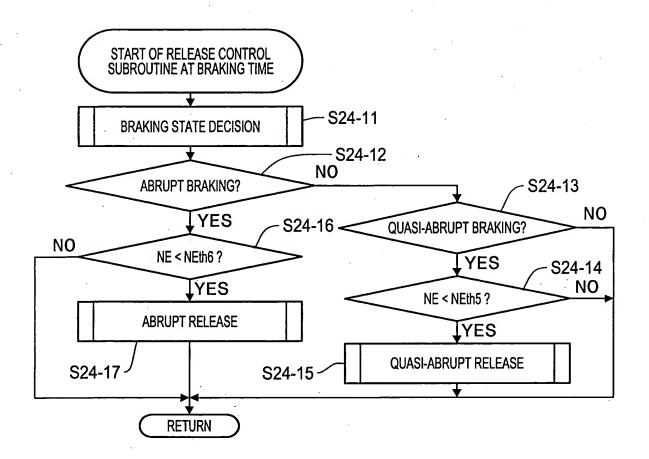


Fig.36

OIL TEMPERATURE tmB [°C]	DRIVE MOTOR SPEED NM [rpm]	3500	4200	4800
10	ABRUPT RELEASE	5000	6000	7000
	QUASI-ABRUPT RELEASE	3500	4500	5500
40	ABRUPT RELEASE	5300	6300	7300
	QUASI-ABRUPT RELEASE	3800	4800	5800
80	ABRUPT RELEASE	5600	6600	7600
	QUASI-ABRUPT RELEASE	4100	5100	6100
100	ABRUPT RELEASE	5600	6600	7600
	QUASI-ABRUPT RELEASE	4100	5100	6100

Fig. 37